Part number

FY749AA

Technical Specifications

Panel	**Type**	18.5-inch diagonal widescreen Thin-Film Transistor LCD active matrix (16:9 aspect ratio)
	Viewable Image Area (diagonal)	18.5 inches (47 cm) widescreen
	Screen Opening (W x H)	16.1x 9.05 in (40.9 x 23 cm)
	Panel Type	TN
	Aspect Ratio	16:9
	Viewing Angle (typical)	Up to 170 horizontal/160 vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 nits (cd/m^2)
	Contrast Ratio (typical)*	1000:1
	Response Time (typical)*	5 ms (on/off)
	Pixel Pitch	0.2708 mm
	Backlight Lamp Life (to half brightness)	40,000 K hours
	*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
On Screen Display (OSD) **Controls**	**Buttons or Switches**	Input select, auto adjust/OSD down, OSD UP, OSD menu select, power
	Languages	8 (English, German, S-Chinese, Japanese, Spanish, French, Italian, Dutch
	User Controls	Brightness, contrast, positioning, color temperature (6500k, 9300k, custom), individual color control, serial number, display, clock, clock phase, monitor management, factory reset, zoom
Signal Interface/ Performance	**Horizontal Frequency**	30 to 64 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1366 x 768 @ 60 Hz
	Preset VESA Graphic Modes (non-interlaced)	1024 x 768 @ 60 Hz, 75 Hz, and 70 Hz
		800 x 600 @ 56 Hz, 60 Hz, 72 Hz, and 75 Hz
		640 x 480 @ 60 Hz, 67 Hz, 72 Hz, and 75 Hz
	Text Mode	720 x 400 @ 70 Hz
	Mac Mode	1152 x 864 @ 75 Hz and 832 x 624 @ 75 Hz
	Maximum Pixel Clock Speed	86 MHz
	User Programmable Modes	15
	Anti-Glare	Yes
	Anti-Static	Yes
	Default Color Temperature	6500 K
Video/Other Inputs	**Plug and Play**	Yes
	Input Signal	VGA, VGA cable included
	Input Impedance	75 ohms ± 2%
	Sync Input	TTL separate synch
	VGA Cable	15 pin D-sub VGA

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	VGA Cable Length	5.9 ft (1.8 m)	
Power	Input Power	Auto-Sensing, 100 to 240 VAC	
	Frequency	47 Hz to 63 Hz	
	Typical Power Consumption	30 watts	
	Maximum	<45 watts	
	Power Saving	1 watt sleep	
	Power Cable Length	5.9 ft (1.8 m)	
Mechanical	Dimensions (H x W x D)	Unpacked w/stand	13.54 x 17.4 x 7.05 in (34.4 x 44.2 x 17.9 cm)
		Unpacked w/o stand (head only)	10.8 x 17.4 x 2.4 in (27.57 x 44.2 x 6 cm)
		Packaged	19.37 x14.96 x 5.83 in (49.2 x 38 x14.8 cm)
	Weight	Unpacked	7.7 lb (3.5 kg)
		Packaged	10.56 lb (4.8 kg)
	Tilt Range	–5° to + 20° vertical	
	Swivel Range	None	
	Height Adjustable	No	
	Pivot Rotation	No	
	Base	Detachable, ships detached	
Environmental	Temperature – Operating	41° to 95° F (5° to 35° C)	
	Temperature – Non-operating	–29 to 140° F (–20° to 60° C)	
	Humidity – Operating	20% to 85% non-condensing	
	Humidity – Non-operating	5% to 95%	
	Altitude – Operating	0 to 12000 ft (3658 m)	
	Altitude – Non-operating	0 to 40000 ft (12192 m)	
Options	HP LCD Monitor Quick Release – Part number EM870AA*	An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs.	
	HP Security Lock—Part number PC766A	Combines aircraft-grade steel and Kevlar fiber to securely lock down your monitor and help prevent theft.	

* The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) depending upon the mounting configuration used. Please note this is a total weight limit for all devices mounted, i.e. the combined weight of the monitor and a second device such an HP Thin Client cannot exceed 24 pounds. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

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Other	Accessories Included	VGA cable, Power cord, Audio cable
	User Guide Languages	English, Spanish, T-Chinese, S-Chinese, Korean, Japanese, Spanish, Portuguese
	Color	Black
	VESA External Mounting	Yes, standard 4 hole pattern, 100 mm)
Certification and Compliance		CB, CE Mark, ISO13406-2, EK, MIC, TUV, UL, CSA, C-tick, FCC, S-mark, BSMI, CCC, PSB, NOM, Cambodia
Compatibility		Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
Service and Warranty		One year parts, labor, and on-site service. 24-hour, 90-day, toll-free technical support. Replacement options may include second business day on-site service, or next business day direct replacement, at HP's sole discretion.* With direct replacement, HP will ship a replacement display product directly to you. Using the prepaid shipping labels provided, return your failed display to HP in the same packaging as the replacement. Certain restrictions and exclusions apply. For details see your product warranty or contact HP Customer Support. * Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at http://www.hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at http://www.hp.com/hps/carepack.

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